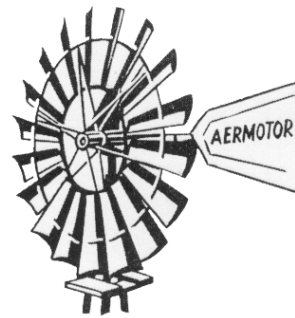


Windmills

**Aermotor Windmills
Made in USA**

Burdick & Burdick, Inc. stocks Aermotor Windmills, parts and accessories in sizes 6' through 12'. Larger windmills can be custom ordered with short delivery times. Aermotor offers a limited seven-year warranty on new windmills.



Pumping Capacities of Windmills (Long Stroke)

Cylinder Size (in)	Capacity (GPH)		Elevation in Feet, to Which Water Can Be Raised					
			Windmill Size					
	6'	8-16'	6'	8'	10'	12'	14'	16'
1-7/8	125	180	120	175	260	390	560	920
2	130	190	95	140	215	320	460	750
2-1/4	180	260	77	112	170	250	360	590
2-1/2	225	325	65	94	140	210	300	490
2-3/4	265	385	56	80	120	180	260	425
3	320	470	47	68	100	155	220	360
3-3/4		730			65	98	143	230
4	570	830	27	37	58	86	125	200

Pumping Capacities of Windmills (Short Stroke)

Cylinder Size (in)	Capacity (GPH)		Elevation in Feet, to Which Water Can Be Raised					
			Windmill Size					
	6'	8-16'	6'	8'	10'	12'	14'	16'
1-7/8	94	135	160	233	346	519	745	1224
2	98	143	126	186	286	426	612	998
2-1/4	135	195	102	149	226	333	479	785
2-1/2	169	244	86	125	186	279	399	652
2-3/4	199	289	74	106	160	239	346	565
3	240	353	63	90	133	206	293	479
3-3/4		548			86	130	190	306
4	428	623	36	49	77	114	166	266

Pumping capacities of windmills shown in the table are approximate, based on the mill set on the long stroke, operating in a 15 to 20 mile-an-hour wind. The short increases elevation by one-third and reduces pumping capacities by one-fourth.

The windmill should have a clear wind exposure of the cylinder and pipe should correspond closely to our recommendations. In no case should 1" pipe be used for the well pipe no matter how small the cylinder.

Pumps and cylinders used with the various sizes of mills should be capable of giving a clear stroke equal in inches to the diameter of the windmill in feet; i.e. 8" for 8 foot, 10 inches for 10 foot, etc.

An open top cylinder is recommended in installations where it can be used. The inside diameter of the drop pipe will be slightly larger than the inside diameter of cylinder. This permits lowering or removal of plunger and check valve through drop pipe.